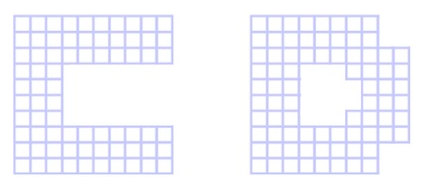
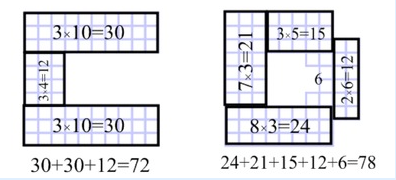
Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Imagine that each square in the picture measures one centimeter on each side. Explain how you can find the area of the 2 pictures without having to count each individual square. Be very specific in your explanation to find the areas.



A possible solution



1. Sharon buys 5 bags of apples and 2 bags of pears there are 7 pieces of fruit in each bag. How many fruits are there in all? Show your work and your reasoning.

Solution

5 (2 +7) = 5\*2 +5\*7 = 10 +35 = 45

or 5(2+7) = 5\*9=45

possible visual representation

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1. Shayla bought 3 books for $6 each. She sells them for $9 each. How much money did Shayla make or lose in all? Show your work and your reasoning.

A Solution

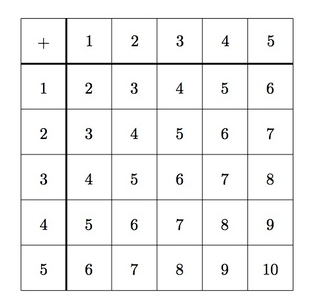
1. The cost of 2 apple pies is $4. Jack has $12 how many apple pies can he buy? Show your work and your reasoning.

A Solution

For every $ 4 I have , I can buy 2 apple pies.

So $12 , then 3x2 apples = 6 apples

1. Below is a table showing addition of numbers from 1 through 5.
2. In each column and each row of the table even and odd numbers alternate. Explain why.
3. Explain why the diagonal, from top left to bottom right, contains the even numbers 2,4,6,8, and 10 .



A solution

